Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
Data File : BN031432.D
Acq On : 08 May 2024 10:23
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 08 12:07:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	5519	0.400	ng	0.00
7) Naphthalene-d8	10.336	136	8967	0.400	ng	# 0.00
13) Acenaphthene-d10	14.210	164	10044	0.400	ng	0.00
19) Phenanthrene-d10	16.967	188	22311	0.400	ng	0.00
29) Chrysene-d12	21.175	240	18976	0.400	ng	0.00
35) Perylene-d12	23.358	264	19551	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.162	112	4682	0.362	ng	0.00
5) Phenol-d6	6.743	99	5546	0.361	ng	0.00
8) Nitrobenzene-d5	8.713	82	2690	0.342	ng	0.00
11) 2-Methylnaphthalene-d10	11.937	152	5688	0.521	ng	0.00
14) 2,4,6-Tribromophenol	15.713	330	1373	0.278	ng	0.00
15) 2-Fluorobiphenyl	12.831	172	12457	0.335	ng	0.00
27) Fluoranthene-d10	19.003	212	21834	0.362	ng	0.00
31) Terphenyl-d14	19.616	244	17308	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.103	88	2546	0.387	ng	99
3) n-Nitrosodimethylamine	3.421	42	2432	0.370	ng	# 93
6) bis(2-Chloroethyl)ether	7.003	93	5309	0.370	ng	98
9) Naphthalene	10.389	128	9128	0.364	ng	100
10) Hexachlorobutadiene	10.667	225	2231	0.426	ng	# 99
12) 2-Methylnaphthalene	12.009	142	6520	0.522	ng	98
16) Acenaphthylene	13.932	152	15815	0.359	ng	100
17) Acenaphthene	14.274	154	11820	0.391	ng	100
18) Fluorene	15.268	166	15204	0.389	ng	99
20) 4,6-Dinitro-2-methylph...	15.365	198	928	0.296	ng	# 77
21) 4-Bromophenyl-phenylether	16.160	248	4835	0.375	ng	94
22) Hexachlorobenzene	16.259	284	5748	0.390	ng	99
23) Atrazine	16.445	200	3409	0.337	ng	98
24) Pentachlorophenol	16.619	266	1685	0.358	ng	99
25) Phenanthrene	17.004	178	24245	0.379	ng	100
26) Anthracene	17.091	178	19069	0.354	ng	100
28) Fluoranthene	19.035	202	28141	0.360	ng	100
30) Pyrene	19.402	202	28513	0.435	ng	100
32) Benzo(a)anthracene	21.157	228	23996	0.366	ng	99
33) Chrysene	21.211	228	26910	0.394	ng	100
34) Bis(2-ethylhexyl)phtha...	21.095	149	11583	0.335	ng	97
36) Indeno(1,2,3-cd)pyrene	25.545	276	30601	0.387	ng	99
37) Benzo(b)fluoranthene	22.703	252	29135	0.380	ng	98
38) Benzo(k)fluoranthene	22.744	252	28317	0.376	ng	99
39) Benzo(a)pyrene	23.262	252	24959	0.388	ng	98
40) Dibenzo(a,h)anthracene	25.554	278	24191	0.389	ng	98
41) Benzo(g,h,i)perylene	26.209	276	24105	0.382	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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